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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (ff known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
		3,848,193	11-12-1974	Martin et al.	
		3,893,049	07-01-1975	Bray	
		4,162,513	07-24-1979	Beyers et al.	
		4,224,644	09-23-1980	Lewis et al.	
		4,288,809	09-08-1981	Yabe	
		4,325,081	04-13-1982	Abe et al.	
		4,338,644	07-06-1982	Staar	
		4,339,798	07-13-1982	Hedges et al.	
		4,437,498	08-31-1982	Lee et al.	
		4,355,415	10-19-1982	George et al.	
		4,422,105	12-20-1983	Rodesch et al.	
		4,425,579	01-10-1984	Merrell	
		4,429,385	01-31-1984	Cichelli et al.	
		4,488,179	12-11-1984	Krüger et al.	
		4,495,654	01-22-1985	Deiss	
		4,496,171	01-29-1985	Cherry	
		4,602,279	07-22-1986	Freeman	
		4,620,229	10-28-1986	Amano et al.	
		4,641,205	02-03-1987	Beyers Jr.	
		4,691,351	09-01-1987	Hayashi et al.	
		4,694,490	09-15-1987	Harvey et al.	
		4,701,794	10-20-1987	Froling et al.	
		4,704,725	11-03-1987	Harvey et al.	
		4,718,107	01-05-1988	Hayes	
		4,739,406	04-19-1988	Morton et al.	
		4,745,549	05-17-1988	Hashimoto	
		4,751,578	06-14-1988	Reiter et al.	
		4,787,063	11-22-1988	Muguet	

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 Application Number
 09/821,005 (Conf. No. 8533)

 Filing Date
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 First Named Inventor
 Milchael D. Ellis

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 2424

 Examiner Name
 Justin E. Shepard

 Attorney Docket Number
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			U.S. PATENT	DOCUMENTS	
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		4,789,962	12-06-1988	Berry et al.	
		4,807,052	02-21-1989	Amano	
		4,812,940	03-14-1989	Takenaga	
		4,847,696	07-11-1989	Matsumoto et al.	
		4,847,698	07-11-1989	Freeman	
		4,847,700	07-11-1989	Freeman	
		4,855,833	08-08-1989	Kageyama et al.	
		4,857,999	08-15-1989	Welsh	
		4,873,584	10-10-1989	Hashimoto	
		4,879,611	11-07-1989	Fukiu et al.	
		4,885,775	12-05-1989	Lucas	
		4,894,789	01-16-1990	Yee	
		4,908,713	03-13-1990	Levine	
		4,930,158	05-29-1990	Vogel	
		4,959,720	09-25-1990	Duffield et al.	
		4,963,994	10-16-1990	Levine	
		4,965,825	10-23-1990	Harvey et al	
		4,989,104	01-29-1991	Schulein et al.	
		5,027,400	06-25-1991	Baji et al.	
		5,109,279	04-28-1992	Ando	
		5,109,414	04-28-1992	Harvey et al.	
		5,134,719	07-28-1992	Mankovitz	
		5,155,591	10-13-1992	Wachob	
		5,172,111	12-15-1992	John W. Olivo	
		5,172,413	12-15-1992	Bradley et al.	
		5,200,822	04-06-1993	Bronfin et al.	
		5,231,493	07-27-1993	Apitz	
	_	1	1	1	1

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Harvey et al.

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Filing Date	March 29, 2001			
First Named Inventor	Michael D. Ellis			
Art Unit	2424			
Examiner Name	Justin E. Shepard			
Attorney Docket Number	UV-189			

			U.S. PATENT	DOCUMENTS	
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		5,249,043	09-28-1993	Grandmougin	
		5,293,357	03-08-1994	Hallenbeck	
		5,299,006	03-29-1994	Kim	
		5,404,567	04-04-1994	DePietro et al.	
		5,335,277	08-02-1994	Harvey et al.	
		5,339,434	08-16-1994	Rusis	
		5,341,350	08-23-1994	Frank et al.	
		3,357,276	10-18-1994	Banker et al.	
		5,371,551	12-06-1994	Logan et al.	
		5,412,720	05-02-1995	Hoarty	
		5,426,699	06-20-1995	Wunderlich et al.	
		5,442,389	08-15-1995	Blahut et al.	
		5,459,522	10-17-1995	Pint	
		5,461,415	10-24-1995	Wolf et al.	
		5,465,385	11-07-1995	Ohga et al.	
		5,483,278	01-09-1996	Strubbe et al.	
		5,485,197	01-16-1996	Hoarty	
		5,502,504	03-26-1996	Marshall et al.	
		5,508,815	04-16-1996	Levine	
		5,517,257	05-14-1996	Dunn et al.	
		5,523,794	06-04-1996	Mankovitz et al.	
		5,523,796	06-04-1996	Marshall et al.	
		5,524,195	06-04-1996	Clanton, III et al.	
		5,524,271	06-04-1996	Hollmann et al.	
		5,528,304	06-18-1996	Cherrick et al.	
		5,537,141	07-16-1996	Harper et al.	
		5,539,449	07-23-1996	Blahut et al.	
		5,539,880	07-23-1996	Lakhani	

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			U.S. PATENT	DOCUMENTS	
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		5,541,638	07-30-1996	Story	
		5,541,738	07-30-1996	Mankovitz	
		5,548,338	08-20-1996	Ellis et al.	
		5,550,825	08-27-1996	McMullan Jr. et al.	
		5,557,338	09-17-1996	Maze et al.	
		5,559,548	09-24-1996	Hendricks et al.	
		5,559,549	09-24-1996	Hendricks et al.	
		5,574,778	11-12-1996	Ely et al.	
		5,583,561	12-10-1996	Baker et al.	
		5,583,563	12-10-1996	Wanderscheid et al.	
		5,583,653	12-10-1996	Timmermans	
		5,594,509	01-14-1997	Florin	
		5,594,779	01-14-1997	Goodman	
		5,602,582	02-11-1997	Wanderscheid et al.	
		5,606,642	02-25-1997	Stautner et al.	
		5,616,876	04-01-1997	Cluts	
		5,619,247	04-08-1997	James Russo	
		5,619,249	04-08-1997	Billock et al.	
		5,623,613	04-22-1997	Rowe et al.	
		5,625,678	04-29-1997	Blomfield-Brown	
		5,629,867	05-13-1997	Goldman	
		5,630,119	05-13-1997	Aristides et al.	
		5,635,978	06-03-1997	Alten	
		5,635,987	06-03-1997	Park et al.	
		5,648,824	07-15-1997	Dunn et al.	
		5,652,613	07-29-1997	Lazarus et al.	
		5,654,748	08-05-1997	Matthews III	
		5,654,886	08-05-1997	Zereski Jr et al.	

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		5,657,072	08-12-1997	Aristides et al.	
		5,666,645	09-09-1997	Thomas et al.	
		5,675,743	10-07-1997	Mavity	
		5,694,163	12-02-1997	Harrison	
		5,696,765	12-09-1997	Safadi	
		5,708,961	01-13-1998	Hylton et al.	
		5,710,601	01-20-1998	Marshall et al.	
		5,717,452	02-10-1998	Janin et al.	
		5,721,829	02-24-1998	Dunn et al.	
		5,732,216	03-24-1998	Logon et al.	
		5,734,719	03-31-1998	Tsevdos et al.	
		5,734,119	03-31-1998	France et al.	
		5,742,443	04-21-1998	Tsao et al.	
		5,745,710	04-28-1998	Clanton III et al.	
		5,751,282	05-12-1998	Girard et al.	
		5,752,159	05-12-1998	Faust et al.	
		5,752,160	05-12-1998	Dunn	
		5,754,771	05-19-1998	Epperson et al.	
		5,758,258	05-26-1998	Shoff et al.	
		5,758,259	05-26-1998	Lawler	
		5,771,435	06-23-1998	Brown, Ralph W.	
		5,760,821	06-02-1998	Ellis et al.	
		5,768,528	06-16-1998	Stumm	
		5,774,170	06-30-1998	Hite et al.	
		5,778,182	07-07-1998	Cathey et al.	
		5,778,187	07-07-1998	Monteiro et al	
		5,781,226	07-14-1998	Sheehan	
		5,781,227	07-14-1998	Goode et al.	

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		5,790,202	08-04-1998	Kummer et al.	
		5,790,423	08-04-1998	Lau et al.	
		5,793,412	08-11-1998	Asamizuya	
		5,793,971	08-11-1998	Fujita et al.	
		5,794,217	08-11-1998	Allen	
		5,796,952	08-18-1998	Davis et al.	
		5,802,284	09-01-1998	Karlton et al.	
		5,805,154	09-08-1998	Brown	
		5,805,804	09-08-1998	Laursen et al.	
		5,805,806	09-08-1998	McArthur	
		5,808,694	09-15-1998	Usui et al.	
		5,809,246	09-15-1998	Goldman	
		5,812,123	09-22-1998	Rowe et al.	
		5,815,146	09-29-1998	Youden et al.	
		5,818,438	10-06-1998	Howe et al.	
		5,819,019	10-06-1998	Nelson	
		5,819,156	10-06-1998	Belmont	
		5,819,160	10-06-1998	Foladare et al.	
		5,822,530	10-13-1998	Brown	
		RE 35,954	11-10-1998	Levine	
		5,838,314	11-17-1998	Neel et al.	
		5,841,979	11-24-1998	Schulhof et al.	
		5,844,620	12-01-1998	Coleman et al.	
		5,859,641	01-12-1999	Cave.	
		5,861,906	01-19-1999	Dunn et al.	
		5,867,483	02-02-1999	Ennis et al.	
		5,881,245	03-09-1999	Thompson	
		5,884,028	03-16-1999	Kindell et al.	

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		5,886,707	03-23-1999	Berg	
		5,886,732	03-23-1999	Humpleman	
		5,887,243	03-23-1999	Harvey et al.	
		5,892,915	04-06-1999	Duso et al.	
		5,894,589	04-13-1999	Reber et al.	
		5,896,414	04-20-1999	Meyer et al.	
		5,898,441	04-27-1999	Flurry	
		5,898,456	04-27-1999	Wahl	
		5,899,582	05-04-1999	DuLac	
		5,900,904	05-04-1999	Okada et al.	
		5,903,234	05-11-1999	Kimura	
		5,903,263	05-11-1999	Emura	
		5,903,264	05-11-1999	Moeller et al.	
		5,905,522	05-18-1999	Lawler	
		5,905,847	05-18-1999	Kobayashi et al	
		5,909,638	06-01-1999	Allen	
		5,911,046	06-08-1999	Amano	
		5,913,039	06-15-1999	Nakamura et al.	
		5,914,941	06-22-1999	Janky	
		5,915,090	06-22-1999	Joseph et al.	
		5,915,094	06-22-1999	Kouloheris et al.	
		5,916,303	06-29-1999	Scott	
		5,917,538	06-29-1999	Asamizuya	
		5,917,835	06-29-1999	Barrett et al.	
		5,920,702	07-06-1999	Bleidt et al.	
		5,920,800	07-06-1999	Schäfer	
		5,922,045	07-13-1999	Hanson	
		5,922,048	07-13-1999	Emura	

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"EXAMINE: Initial if reference considered, whether or not clastion is in conformance with MFEP 699. Draw line through claim or in on in conformance and not considered include copy of this form with next communication to applicant. "Applicants' unique clation designation claim or claim of UISPTO Patent Documents at https://documents.tea/ whether conformance or MPEP 901.04. "Firster Office that issued the document, by the two-letter code (WIPO Standard ST 3). "For Laganese patient documents, the indication of the year of the regind of the Empire or the Empire or two standards or the year of the regind of the Empire or two standards the senial number of the patient document or the order of the communication of the year of the document under WIPO Standard ST. 16 if possible. "Applicant is to place a check mark here if English language Transsition is authorized."

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Complete if Known Substitute for form 1449A/PTO 09/821,005 (Conf. No. 8533) Application Number March 29, 2001 INFORMATION DISCLOSURE Filing Date Michael D. Ellis First Named Inventor STATEMENT BY APPLICANT 2424 (Use as many sheets as necessary) Examiner Name Justin E. Shepard Sheet of 20 Attorney Docket Number UV-189

			U.S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, When Relevant Passages or Relevan Figures Appear
		5,923,361	07-13-1999	Sutton, Jr.	
		5,926,204	07-20-1999	Mayer	
		5,926,205	07-20-1999	Krause et al.	
		5,926,624	07-20-1999	Katz et al.	
		5,928,327	07-27-1999	Wang et al.	
		5,929,850	07-27-1999	Broadwin et al.	
		5,930,473	07-27-1999	Teng et al.	
		5,930,493	07-27-1999	Ottesen et al.	
		5,931,901	08-03-1999	Wolfe et al.	
		5,933,603	08-03-1999	Vahalia et al.	
		5,933,835	08-03-1999	Adams et al.	
		5,935,206	08-10-1999	Dixon et al.	
		5,936,569	08-10-1999	Ståhle et al.	
		5,940,071	08-17-1999	Treffers et al.	
		5,940,073	08-17-1999	Klosterman et al.	
		5,943,046	08-24-1999	Cave et al.	
		5,943,047	08-24-1999	Suzuki	
		5,945,987	08-31-1999	Dunn	
		5,947,746	09-07-1999	Tsai	
		5,949,411	09-07-1999	Doerr et al.	
		5,956,482	09-21-1999	Agraharam et al.	
		5,959,592	09-28-1999	Petruzzelli	
		5,959,659	09-28-1999	Dokic	
		5,963,202	10-05-1999	Polish	
		5,963,264	10-05-1999	Jackson	
		5,964,455	10-12-1999	Catanzarite et al.	
		5,969,714	10-19-1999	Butcher	
		5,973,680	10-26-1999	Ueda	

Examiner Signature	/Justin Shepard/ (05/27/2009)	Date Considered	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)

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Sheet

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 Application Number
 09/821,005 (Conf. No. 8533)

 Filing Date
 March 29, 2001

 First Named Inventor
 Michael D. Ellis

 AT Unit
 2424

 Examiner Name
 Justin E. Shepard

 Attorney Docket Number
 UV-189

				DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, When Relevant Passages or Relevan Figures Appear
		5,973,722	10-26-1999	Wakai et al.	
		5,974,217	10-26-1999	Haraguchi	
		5,977,963	11-02-1999	Gaughan et al.	
		5,977,964	11-02-1999	Williams et al.	
		5,978,567	11-02-1999	Rebane et al.	
		5,978,843	11-02-1999	Wu et al.	
		5,986,650	11-16-1999	Ellis et al.	
		5,987,213	11-16-1999	Mankovitz et al.	
		5,990,881	11-23-1999	Inoue et al.	
		5,995,155	11-30-1999	Schindler et al.	
		5,583,560	12-10-1996	Florin et al.	
		5,999,970	12-07-1999	Krisbergh et al.	
		6,002,394	12-14-1999	Schein at al.	
		6,002,720	12-14-1999	Yurt et al.	
		6,005,564	12-21-1999	Ahmad et al.	
		6,005,600	12-21-1999	Hill	
		6,009,465	12-28-1999	Decker et al.	
		6,012,089	01-04-2000	Hasegawa	
		6,012,091	01-04-2000	Boyce	
		6,014,184	01-11-2000	Knee et al.	
		6,014,381	01-11-2000	Troxel et al.	
		6,014,693	01-11-2000	Ito et al.	
		6,014,694	01-11-2000	Aharoni et al	
		6,014,706	01-11-2000	Cannon et al.	
		6,018,359	01-25-2000	Kermode et al.	
		6,018,765	01-25-2000	Durana et al.	
		6,020,912	02-01-2000	De Lang	
		6,022,223	02-08-2000	Taniguchi et al.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/821,005 (Conf. No. 8533)		
Filing Date	March 29, 2001		
First Named Inventor	Michael D. Ellis		
Art Unit	2424		
Examiner Name	Justin E. Shepard		
Attorney Docket Number	UV-189		

			U.S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (f known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan
	1	6,023,725	02-08-2000	Ozawa et al.	Figures Appear
	\vdash	6,025,868	02-08-2000	Russo	
	-	6,028,600	02-13-2000	Rosin et al.	
	1	/ /	02-22-2000	Farris et al.	
	_	6,029,064			
		6,038,367	03-14-2000	Abecassis	
	<u> </u>	6,038,591	03-14-2000	Wolfe et al.	
		6,052,145	04-18-2000	Macrae et al.	
	<u> </u>	6,057,890	05-02-2000	Virden et al.	
	_	6,058,242	05-02-2000	Kim	
		RE 36,801	08-01-2000	Logan et al.	
	_	6,133,910	10-17-2000	Stinebruner	
		6,157,377	12-05-2000	Shah Nazaroff et al.	
		6,160,546	12-12-2000	Thompson et al.	
		6,163,316	12-19-2000	Killian	
		6,185,736	02-06-2001	Ueno, Hideyuki	
		6,208,335	03-27-2001	Gordon et al.	
		6,240,460	05-29-2001	Mitsutake et al.	
		2001/0024470	09-29-2001	Radha et al.	
		2001/0037508	11-01-2001	Hindus et al.	
		6,314,575	11-06-2001	Billock et al.	
		6,323,911	11-27-2001	Schein	
		6,324,338	11-27-2001	Wood et al.	
		6,348,932	02-19-2002	Nishikawa	
		2002/0057893	05-16-2002	Wood et al.	
		6,388,714	05-14-2002	Schein	
		2002/0059599	05-16-2002	Schein at al.	
		6,438,596	08-20-2002	Ueno et al.	
		6,430,358	08-06-2002	Yuen et al.	

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 Application Number
 09/821,005 (Conf. No. 8533)

 Filing Date
 March 29, 2001

 First Named Inventor
 Michael D. Ellis

 Art Unit
 2424

 Examiner Name
 Justin E. Shepard

 (Use as many sheets as necessary)
 Examiner Name
 Justin E

 Sheet
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 of
 20
 Attorney Docket Number
 UV-189

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Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, When Relevant Passages or Relevan Figures Appear
		2002/0191954	12-19-2002	Beach et al.	
		6,505,348	01-07-2003	Knowles et al.	
		2003/0061619	03-27-2003	Giammaressi, Tom	
		6,553,376	04-22-2003	Lewis et al.	
		6,611,958	08-26-2003	Shintani et al.	
		6,611,958	08-26-2003	Shintani et al.	
		2003/0210898	11-13-2003	Juen et al.	
		6,744,967	06-01-2004	Kaminski et al.	
		6,757,907	06-29-2004	Schumacher et al.	
		2004/0181814	09-16-2004	Ellis et al.	
		6,857,132	02-15-2005	Rakib et al.	
		2005/0044577	02-24-2005	Jerding et al.	
		2005/0071882	03-31-2005	Rodriguez et al.	
		2005/0097619	05-05-2005	Haddad, Joseph C.	
		2005/0198671	09-08-2005	Hanai et al.	
		2005/0198677	09-08-2005	Lewis	
		2005/0204388	09-15-2005	Knudson et al.	
		2005/0240968	10-27-2005	Knudson et al.	
		2005/0273819	12-08-2005	Knudson et al.	
		7,088,910	08-08-2006	Potrebic et al.	
		7,096,486	08-22-2006	Ukai et al.	
		7,151,886	12-19-2006	Young et al.	
		7,185,355	02-27-2007	Ellis et al.	

Examiner Signature	/Justin Shepard/ (05/27/2009)	Date Considered	

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Examiner C Initials* N		Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Pa Applicant of Cit		Pages, Columns, Lines, Where Relevant Passages or Relevant	T,
	110	Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)				Figures Appear	Ι'
		GB 1 370 535	10-16-1974	British Broa	dcasting		
				Corp.			L
		DE 2918846		Grundig EMV			
		EP 0 051 228		Kabushiki K Toshiba	Caisha		
		DE 3337204		Telefunken Rundfunk	Fernseh &		
		GB 2155713	09-25-1985	RCA Corp.			
		JP 61-109379	05-27-1986	Hitachi Ltd.			×
		JP 61-227486	10-09-1986	Nippon Electory Corporation	etric		×
		JP 62-008389	01-16-1987	Matsushita l Ind. Co. Ltd			>
		DE 3527939		Westdeutsho Rundfunk	er		×
		WO 87/00884	02-12-1987	HIB Promotion AB			Т
		JP 62-49528	03-04-1987	Toshiba Coi	D.		٦,
		JP 62-60384		Casio Comp Ltd.			,
		JP 62-066493	03-25-1987	Sanyo Elect	ric Co.		,
		JP 62-125077	06-06-1987	Mitsubishi I Ltd.	Heavy Ind.		,
		JP 62-198768	09-02-1987	Toshiba Coı	ъ.		,
		DE 3623924		Grundig EM			,
	JP 63-54884 JP 63-141467		03-09-1988				>
			06-13-1988	Matsushita (Communic	Graphic		>

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Application Number

Substitute for form 1449A/PTO

	INFORMATION DISCLOSURE		Application N			5 (CONI. NO. 853	<i>ა)</i>	
				Filing Date		March 29, 2001		
STA	TEMENT BY	' APPL	ICANT	First Named	nventor	Michael D.	. Ellis	
				Art Unit		2424		
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Sheet	13	of	20	Attorney Doc	ket Number	UV-189		
	WO 88/0450	7		06-16-1988				
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	JP 63-247812			10-14-1988				×
	JP 63-276069			11-14-1988				×
	JP 63-299582			12-07-1988				×
	JP 1-078328			03-23-1989		l.		×
	WO 89/0308:	5		04-06-1989				
	JP 1-142918			06-05-1989	Matsushita	Electric		×
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	GB 2210526			06-07-1989				
	JP 1-150928			06-13-1989				×
	JP 1-209399			08-23-1989				х
	JP 1-212986			08-25-1989				×
	EP 0337336			10-18-1989				
						Corporation		
	GB 2217144			10-18-1989				
					Electric Co			
	JP 2-838892			12-12-1989				×
	JP 1-307944			12-12-1989				×
	WO 89/12370			12-14-1989				
	WO 90/0084	7		01-25-1990				
	JP 2-113318			04-25-1990				x
	JP 2-189753			07-25-1990			l	×
	GB 2 227 622	2 A		08-01-1990				
					Co Limited			
	EP 393955			10-24-1990				
	WO 91/00670)		01-10-1991	Matsushita			
					Industrial C			
	DE 3921847			01-17-1991	Grundig E		-	_
	EP 0 424 469			05-02-1991		elecast, Inc		_
	EP 0 444 496			09-04-1991	Hitachi Lto			
	EP 0 447 968			09-25-1991	RCA Licer			
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INF	ORMATION	DISCLO	SURE	Filing Date			29, 2001	
ST	ATEMENT B	Y APPL	ICANT	First Named I	nventor	Michae	Michael D. Ellis	
				Art Unit	2424			
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Sheet	14	of	20	Attorney Dock	et Number	r UV-18	9	
	WO 92/0480	11		03-19-1992	Insight	Telecast In	С	
	EP 0 488 379			06-03-1992		hita Electric		
	LI 0 100 37			00 00 1772		ial Co. Ltd.		
	GB 2 256 11	5		11-25-1992				
	EP 0 535 749			04-07-1993			.td.	
	WO 93/0854			04-29-1993		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	WO 93/2287			11-11-1993		Inc		
	EP 0 572 09			12-01-1993		Electronics		
	2.00,20,	*			N.V.	23100111011101		
	JP 60-61935			03-04-1994	Nippor	Electric Co).	3
	DE 4240187			06-01-1994	Siemer	ns AG		
	ROC Pub. N	o. 247388		10-15-1994	Not Av	ailable		
	EP 0 624 039	9		11-09-1994	AT & '	Г Corp.		
	WO 95/0105	8		01-05-1995	Apple	Computer, I	nc.	
	WO 95/1565	8		06-08-1995	Discov	ery		
					Comm	unications, I	nc.	
	EP 0 662 77	1		07-12-1995	Thoms	on Consume	er	
						nics, Inc.		
	WO 95/3106	59		11-16-1995	Starsig	ht Telecast,	Inc.	
	WO 95/3258	3		11-30-1995		ide On Scre	en	
	WO 95/3258	4		11-30-1995		ar Developm	ent	
					Corpor			
	WO 95/3258			11-30-1995				
	WO 95/3258	:7		11-30-1995	1	Internationa	ս!,	
					Inc.			
	WO 96/0972			03-28-1996			en	
	EP 0 711 07			05-08-1996				
	JP8-130517 <i>i</i>			05-21-1996				;
	WO 96/1746			06-06-1996				
	EP 0 725 53			08-07-1996				
	WO 96/2582			08-22-1996				
	WO 96/3357	2		10-24-1996		ht Telecast		
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				10 01 1770	Communica	ations, Inc.		
	WO 96/41472			12-19-1996	Starsight To	elecast		Т
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	WO 96/41478			12-19-1996	TV Guide C	On Screen		
	EP 0 758 833			02-19-1997	General Ins	trument		Т
					Corporation	ı of		
					Delaware			
	WO 97/07050			02-27-1997	Darling Inte	ernational		
					Inc.			┸
	EP 0 763 938			03-19-1997	Starsight To	elecast, Inc.		┸
	WO 97/21291			06-12-1997	Pocock			L
	WO 97/32434			09-04-1997	E Guide, In			\perp
	WO 97/34413			09-18-1997	E Guide, In			L
	WO 97/34414			09-18-1997	E Guide, In	c.		
	WO 97/37500			10-09-1997	British			1

Telecommunications
Public Limited
Company
11-13-1997 Starsight Telecast, Inc.

12-04-1997 Starsight Telecast

12-11-1997 WebTV Networks,

12-11-1997 WebTV Networks,

12-18-1997 Starsight Telecast, Inc.

12-18-1997 Starsight Telecast, Inc.

12-24-1997 Starsight Telecast, Inc.

01-15-1998 Starsight Telecast, Inc 02-12-1998 StarSight Telecast,

Incorporated

			Inc.			
	WO 98/07277	02-19-1998	Starsi	ght Telecast,	Inc	
Examiner Signature	/Justin Shepard/ (05/27/2009)			Date Considered		

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WO 97/42763

WO 97/46016

WO 97/46943

WO 97/47124

WO 97/48228

WO 97/48230

WO 97/49237

WO 98/01995

WO 98/06219

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Substitute for form 1449A/PTO

WO 98/26596

WO 98/31115

WO 98/31116

WO 98/34405

WO 98/38831 JP 10-247344

JP 10-257400A

WO 98/47279

EP 0 874 524 WO 98/48566

WO 99/03267

WO 99/04561

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						•		
	WO 98/10589			03-12-1998		elecast, Inc.		
	WO 98/12872			03-26-1998	Starsight T	elecast,		
					Incorporate	ed		
	EP 0 836 320			04-15-1998	Matsushita	Electric		
					Industrial C	Co., Ltd.		
	WO 98/17033			04-23-1998	Thomson C	onsumer		\top
					Electronics	Inc.		
	WO 98/17064			04-23-1998	Gemstar D	evelopment		\top
					Corporatio			
	WO 98/18260			04-30-1998				\top
				0.00 1,,,	Corporatio			
	WO 98/19459			05-07-1998				\pm
				05 07-1770	Corporatio			
	WO 98/26528			06-18-1998		Atlanta, Inc.		\pm
	WO 98/26584			06-18-1998				+
	W O 98/20384			00-18-1998	Inc.	manonai,		

06-18-1998

07-16-1998 Diva Systems Corporation

07-16-1998 Diva Systems Corporation

08-06-1998 VXtreme, Inc. 09-03-1998 Starsight Telecast, Inc.

09-25-1998 |Toshiaki

09-14-1998 Reem Properties EV

10-22-1998 Starsight Telecast, Incorporated 10-28-1998 Starsight Telecast, Inc.

10-29-1998 Gemstar Devp. Corp.

01-21-1999 Thomson Consumer Electronics, Inc.

01-28-1999 E-Guide, Inc.

Starsight Telecast, Inc.

Examiner Signature	/Justin Shepard/ (05/27/2009)		Date Considered		

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s	ubstitute for form 1449A/PTO			Complete if Known							
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ST	ATEMENT BY A	PPL	ICANT	First Named Inventor	Michael D. Ellis						
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Sheet	17	of	20	Attorney Docket Number	UV-189						

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WO 99/11060	03-04-1999 N	lews America	
	P	ublications, Inc.	
WO 99/12320	03-11-1999 D	eutsche Telekom AG	
WO 99/27681	06-03-1999 N	fotorola Inc.	
WO 99/28897	06-10-1999 V	oquette Networks,	
	L	td.	
EP 0 924 927	06-23-1999 N	fastsushita Electric	
	Ir	ndustrial Co. Ltd.	
WO 99/39466	08-05-1999 K	woh et al.	
EP 0 940 983	09-08-1999 N	Aastsushita Electric	
	Ir	ndustrial Co. Ltd.	
WO 99/45700	09-10-1999 P	revue International	
	Ir	nc.	
EP 0 944 253	09-22-1999 S	ony Corporation	
WO 99/52279	10-14-1999 T		
WO 99/56473	11-04-1999 U	Inited Video	
	P	roperties, Inc.	
WO 99/60790	11-25-1999 U	Inited Video	
	P	roperties, Inc.	
WO 99/65244	12-16-1999 U	Inited Video	
	P	roperties, Inc.	
WO 99/66725	12-23-1999 U	Inited Video	
	P	roperties, Inc.	
JP 2000·13708	01-14-2000 U	kai et al.	X
WO 00/04706	01-27-2000 U	Inited Video	
	P	roperties, Inc.	
WO 00/05885	02-03-2000 U	Inited Video	
	P	roperties, Inc.	
WO 00/07368	02-10-2000 T	IVO, Inc.	
WO 00/08850	02-17-2000 W	Vood et al.	
WO 00/08851	02-17-2000 W	Vood et al.	
WO 00/08852	02-17-2000 W	Vood et al.	

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INF	STATEMENT BY APPLICANT					March 29,	2001	
ST	ATEMENT BY	ICANT	First Named I	nventor	Michael D. Ellis 2424			
			Art Unit					
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Sheet	Sheet 18 of 20				et Number	UV-189		
	WO 00/11869			03-02-2000	United Vid Properties,			
	EP 0 986 046			03-15-2000	Lucent Tec Inc.	hnologies,		
	WO 00/16548			03-23-2000	United Vid Properties,			
	JP 2000-13888	5A		05-16-2000	Hane			х
	WO 00/28739			05-18-2000	Open TV, I	inc,		
	WO 00/33560			06-08-2000	United Vid	eo		
					Properties,	Inc.		
	GB 2 346 251			08-02-2000	IBM			
	JP 2000-224533	3A (01)	08-11-2000	Berstis			х
	JP 2000-235540	5A (03)	08-29-2000	Toshiya et	al.		x
	WO 00/58833			10-05-2000	TIVO, Inc.			х
	WO 00/58967			10-05-2000	TIVO, Inc.			
	WO 00/59214			10-05-2000	TIVO, Inc.			
	WO 00/59223			10-05-2000	TIVO, Inc.			

10-19-2000 TIVO, Inc.

10-19-2000 TIVO. Inc.

10-19-2000 TIVO, Inc 11-02-2000 Mitsuhiro

11-09-2000 TIVO. Inc.

01-04-2001 United Video Properties, Inc.

01-04-2001 United Video Properties, Inc.

05-17-2001 United Video Properties, Inc.

06-22-2001 Pioneer Incorporated

03-29-2001 TIVO, Inc.

04-03-2001 Hirofumi

the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark fiber of English language Translation is attached.

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WO 00/62298

WO 00/62299

WO 00/62533

WO 00/67475

WO 01/01677

WO 01/01689

WO 01/22729

WO 01/35662

JP2001-88372A

JP2001-165669A

JP 2000-306314A (02)

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				Application Number		09/821,005 (Conf. No. 8533)		
STATEMENT BY APPLICANT			Filing Date		March 29, 2001			
			First Named Inventor		Michael D. Ellis			
			Art Unit		2424			
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Sheet	19	of	20	Attorney Docket Number UV-189				
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	WO 01/46843 A	.2	(06-28-2001	TIVO, Inc.			
	WO 01/47238 A2 06			06-28-2001	TIVO, Inc.			
WO 01/47249 A2 06			06-28-2001	TIVO, Inc.			П	
	WO 01/47257 A	.1	(06-28-2001	TIVO, Inc.			
	WO 01/47273 A	.1	(06-28-2001	TIVO, Inc.			
WO 01/47279 A2 06			06-28-2001	TIVO, Inc.				
	WO 01/50743 A	.1	(07-12-2001	United Vide	20		

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10-11-2001

JP2001-257950A

WO 01/76248 A2

WO 02/078317 A2

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Properties, Inc.

Industrial Co.

United Video Properties, Inc.

10-03-2002 United Video Properties, Inc.

Matsushita Electric

Date

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	NON PA	TENT LITERATURE DOCUMENTS			
Examiner Initials	Mo.1 magazine, journal, serial, symposium,	LETTERS), title of the article (when appropriate), title of the item (book, catalog, etc.), date, page(s), volume-issue number(s), publisher, city und/or country where published.	T ²		
	"Start Here," Sony, TiVo and DIRE				
	"DIRECTV Receiver with TiVo View				
	"DIRECTV Receiver with TiVo Inst	allation Guide," Philips (2000).			
	"PTV Recorder Setup Guide," Phili				
	"DishPro Satellite System - User's				
	"DIRECTV Receiver with TiVo Digi Corporation (2000).	tal Satellite ReceiverlRecorder SAT-T60 -Installation Guide			
	"DIRECTV Digital Satellite Receive	er - Operating Instructions," Sony Electronics Inc. (2001).			
	"Fall 2001 TiVo Service Update wit				
	"RCA Satellite Receiver User's Gu	ide," Thomson multimedia Inc. (2001).			
	"DIRECTV Receiver - Owner's Mai	nual," DIRECTV, Inc. (2002).			
		essable Terminals," General Instrument Corp. of Horsham, USAREA/ANALOG/TERMINAL/WATCH/watch.html), 4, 1999.			
	User's Guide RCA Color TV wit	User's Guide RCA Color TV with TV Plus + Guide, 1997			
	James, A., "Oracle-Broadcasting the Written Word," Wireless World, July 1973.				
		Proposed New Broadcasting Service," SMPTE			
	Edmonson et al., "NBC Switchi	ng Central," SMPTE Journal, Oct. 1976, Vol. 85, No.			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, Include copy of this form with next communication to applicant. "Applicants unique citation designation number opional." See Rindard ST-31, "For Japanese patent documents at <u>www.usstp.cop</u> or MPEP 901.04. "Enter Office that issued the document, by the un-better code (MPD 5 Blandard ST-31," for Japanese patent documents, the indication of the year of the reign or the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WTPD Standard ST-16 if possible. "Applicant is to please a check mark here if English languages."

Translation is attached.

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	10, pp. 795-805.					
	Roizen, Joseph, "Teletext in USA," Jul 1981, pp. 602-610					
	Hoffman et al., "Videotext Programmiert Videorecorder," Sept. 1982, 9 pages.					
	Printed materials on "Time's Teletext Service," 1982-1983, pp. V79175, V79142,					
	V79143, V79148, and V79151.					
	Symposium Record Broadcast Sessions, 14th International TV Symposium,					
	Montreux, Switzerland, Jun. 6-12, 1985, 9 pages.					
	Von Gerhard Eitz and Karl-Ulrich Oberlies, "Videotext Programmiert					
Videoheimgerate (VPV)," Sep. 1986, pp. 223-229; translation of abstract included.						
	Kruger, H. Eckart, "Digital Video Identification System VIS," German, 9 pages, 1982					
	Ziesel et al.: "An Interactive Menu-Driven Remote Control Unite for TV-Receivers					
	and VC-Recorders," IEEE Transactions on Consumer Electronics, Aug. 1988, Vol.					
	34, No. 3, pp. 814-818.					
	Philips Consumer Electronics, Users Manual, Matchline 28DC2070, 33DC2080;					
	obtained March 31, 2009					
	Page 12 of Philips TV 21SL5756/00B User Manual; obtained March 31, 2009	_				
	TV Guide, San Francisco Metropolitan Schedule, Feb. 6, 1989					
	Systems as described in DIP II Advertisement "Program Listings Never Looked So					
	Good", English Translation of A. Bismuth, Vol. 54, No. 3, pp. 46-50, February 8,					
	2005					
	System as described in Cable Data Advertisement "There's more to one-way					
	addressability than meets the eye"; Vol. 7, No. 30, April 15, 1982.					

Examiner Signature	/Justin Shepard/ (05/27/2009)	Date Considered	

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